

CLAIMS

1. Communication process, comprising the following steps:
  - supply of equipment (4) fitted with at least one antenna (11) and at least two pins (A4, A8) connected to the antenna (11);
  - supply of a smart card (1) with a chip (21) supplied with:
    - 5       - at least two surface pins (C4, C8);
    - a processing module (25);
    - a radio-frequency interface (22) associated with the processing module (25) and connected to the surface pins (C4, C8) of the card (1), the surface pins of the card being coupled to the pins (A4, A8) of the equipment (4);
    - 10       - transmission of electrical signals between the surface pins of the card and the antenna.
2. Process according to claim 1, characterised in that the supplied chip is  
15   in the format given in ISO standard 7816-2 and in that the surface pins of the card are pins C4 and C8.
3. Smart card (1) with a chip (21) fitted with at least two surface pins (C4, C8) and a processing module (25), characterised in that it also comprises a radio-  
20   frequency interface (22) associated with the processing module (25) and connected to the two surface pins.
4. Smart card according to claim 3, characterised in that the chip is in the ISO standard 7816-2 format and the surface pins of the card are pins C4 and C8.  
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5. Smart card according to claim 3 or 4, characterised in that the card is in the format defined in ISO standard 7816-1.

6. Smart card according to one of claims 3 to 5, characterised in that the card is in the format of a GSM standard.

7. Equipment (4) with an antenna (11) and a coupling interface (A1 - A8)  
5 that could be coupled to a smart card (1), characterised in that:  
- the coupling interface has two pins (A4, A8) that could be coupled to surface pins (C4, C8) of a so-called smart card (1);  
- the pins of the equipment are connected to the antenna (11).

10 8. Equipment according to claim 7, characterised in that:  
- the pins on the equipment can be coupled to pins C4 and C8 of a smart card in the ISO standard 7816-2 format.

15 9. Equipment according to claim 7 or 8, characterised in that it is a cell phone.

20 10. Equipment according to claim 9, characterised in that:  
- the telephone has a body (5) and a removable battery; and  
- the antenna is fixed to the removable battery.

11. Equipment according to claim 9, characterised in that:  
- the telephone has a body (5) and a removable battery; and  
- the antenna (11) is fixed to the body.

25 12. Equipment according to claim 7 or 8, characterised in that it is an automobile vehicle.

13. Equipment according to one of claims 7 to 9, characterised in that it is a PDA.

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14. Equipment according to claim 7 or 8, characterised in that it is a smart card support.

15. Equipment according to claim 7 or 8, characterised in that it is a  
5 storage device.

16. Equipment according to one of claims 7 to 15, characterised in that the antenna is active.